

 Powered by Dialog

**Inhalation device providing steam vapour - uses outside air for swirling vaporised mixture of water and inhalation agent at given temp.**

**Patent Assignee:** VON SCHRADER B

**Inventors:** VON SCHRADER B

#### Patent Family

Patent Number	Kind	Date	Application Number	Kind	Date	Week	Type
WO 9428959	A1	19941222	WO 94EP1815	A	19940603	199505	B
DE 4318389	A1	19950420	DE 493318389	A	19930603	199521	
AU 9472274	A	19950103	AU 9472274	A	19940603	199522	
EP 705115	A1	19960410	EP 94921612	A	19940603	199619	
			WO 94EP1815	A	19940603		
CZ 9503180	A3	19960612	CZ 953180	A	19940603	199631	
SK 9501519	A3	19960904	WO 94EP1815	A	19940603	199645	
			SK 951519	A	19940603		
HU 73218	T	19960628	WO 94EP1815	A	19940603	199744	
			HU 953409	A	19940603		
CZ 287275	B6	20001011	WO 94EP1815	A	19940603	200060	
			CZ 953180	A	19940603		
HU 219392	B	20010328	WO 94EP1815	A	19940603	200124	
			HU 953409	A	19940603		
SK 284063	B6	20040908	WO 94EP1815	A	19940603	200462	
			SK 951519	A	19940603		

**Priority Applications (Number Kind Date):** DE 94001140 U ( 19940125); DE 493318389 A ( 19930603)

**Cited Patents:** DE 9201793; EP 559971 ; FR 449781; FR 793235; GB 27593; GB 509593; US 1998327; US 4903850

#### Patent Details

Patent	Kind	Language	Page	Main IPC	Filing Notes
WO 9428959	A1	E	27	A61M-015/00	
Designated States (National): AM AU BB BG BR BY CA CN CZ FI GE HU JP KG KP KR KZ LK LV MD MG MN MW NO NZ PL RO RU SD SI SK TJ TT UA US UZ VN					
Designated States (Regional): AT BE CH DE DK ES FR GB GR IE IT LU MC NL OA PT SE					
DE 4318389	A1		8	A61M-015/00	

AU 9472274	A			A61M-015/00	Based on patent WO 9428959
EP 705115	A1	G	I	A61M-015/00	Based on patent WO 9428959
Designated States (Regional): AT CH DE LI LU					
CZ 9503180	A3			A61M-015/00	
SK 9501519	A3			A61M-015/00	
HU 73218	T			A61M-015/00	Based on patent WO 9428959
CZ 287275	B6			A61M-015/00	Previous Publ. patent CZ 9503180
HU 219392	B			A61M-015/00	Based on patent WO 9428959
SK 284063	B6			A61M-015/00	Previous Publ. patent SK 9501519

**Abstract:**

WO 9428959 A

The inhalation device comprises a container (1) for water and an inhalation agent, provided with a lid (2) having a central opening (3) for discharge of the steam vapour generated within the container and a number of smaller peripheral openings (4), for allowing air to enter the container. The water and the inhalation agent are vaporised together at a temp. between body and temp. and 65 degrees, the supplied outside air used to swirl the vaporised mixture.

Pref. the container is double-walled with water contained in the intermediate space (1c) and heated by a resistance heating wire supplied from the mains network or an electric battery. One or more thermostats may be used to regulate the vaporisation temp.

**ADVANTAGE** - Improved vaporisation characteristics for deep penetration into respiration system.

Dwg.1/10

 (Image not displayable)

Derwent World Patents Index  
© 2005 Derwent Information Ltd. All rights reserved.  
Dialog® File Number 351 Accession Number 10134881